MBSC-3.3D

Sl.No. : **Total No. of Pages : 2**

Third Semester M.B.A. Degree Examination, June - 2025
(CBCS) (SLM Scheme)
MANAGEMENT
Elective - D : Operations
Material and Purchase Management

Time : 3 Hours **Max. Marks : 80**

SECTION - A

Answer any five questions. Each question carries five marks. **[5 × 5 = 25]**

Q1) What is the material management? Explain.

Q2) State the need for material planning.

Q3) Explain the importance of organizing material management.

Q4) Discuss the salient features of spare parts.

Q5) What are the functions of purchase department?

Q6) State the parameter used to purchase materials.

Q7) Highlight the challenges of store manager.

SECTION - B

Answer any four questions. Each question carries ten marks. **[4 × 10 = 40]**

Q8) Discuss the scope and importance of material management.

Q9) Explain the objectives of material planning and controlling.

Q10) Discuss the problem encountered in material planning.

Q11) Describe the various benefits of material budget.

Q12) Explain the factors affecting store layout.

Q13) Critically evaluate the methods of inventory management.

SECTION - C

Q14) **Case (Compulsory)** **[1 × 15 = 15]**

Process control networks are one of the essential applications of IT manufacturing environments. For example, more than 2400 oil, natural gas and chemical companies in the united states employ process control networks in their manufacturing systems. Other heavy users of process networks include power, water, food, drug, automobile, metal, mining and manufacturing industries. For example, process network in the chemical industry control, chemical making equipment and monitor sensors. If anything goes wrong such networks react by adjusting the environment in predefined ways, such as shutting off gas flow to prevent leaks or explosions. sp3 3 BS2127 One company that's taking process network security seriously and involving IT is Du Pont Co. in Wilmington, Delaware. Tom good, a project engineer at the chemical manufacturer, has been leading its 20 month old efforts to categorize and reduce its process control systems vulnerabilities. Du Pont's philosophy for dealing with this problem, he says is that "On all of our critical manufacturing processes, we are going to totally isolate our process from our business systems by not connecting out networks, or we are going to put in firewalls to control access.

Question :

What security measures is Du Pont taking to protect their process-control networks? Are the measurcs are adequate? Explain with valid arguments.

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